

**§ 111.97-7 Distribution.**

(a) Each distribution panelboard for a watertight door system must be above the uppermost continuous deck and must have means for locking.

(b) Each feeder supplying a watertight door operating system must be above the uppermost continuous deck.

(c) Each watertight door operating system must have a separate branch circuit.

**§ 111.97-9 Overcurrent protection.**

Overcurrent devices must be arranged to isolate a fault with as little disruption of the system as possible. The relationship between the load and the rating or setting of overcurrent devices must meet the following:

(a) The rating or setting of each feeder overcurrent device must be not less than 200 percent of its maximum load.

(b) The rating or setting of a branch circuit overcurrent device must be not more than 25 percent of that of the feeder overcurrent device.

**Subpart 111.99—Fire Door Holding and Release Systems****§ 111.99-1 Applicability.**

This subpart applies to fire door holding and release systems, if fitted.

[CGD 74-125A, 47 FR 15236, Apr. 8, 1982, as amended by CGD 94-108, 61 FR 28284, June 4, 1996]

**§ 111.99-3 Definitions.**

As used in this subpart—

*Central control panel* means a manually-operated device on the navigating bridge or in the fire control room for releasing one or more fire doors.

*Fire door* means a door that is in a fire boundary, such as a stairway enclosure or main vertical zone bulkhead, that is not usually kept closed.

*Fire door holding magnet* means an electromagnet for holding a fire door open.

*Local control panel* means a manually-operated device next to a fire door for releasing the door so that the fire door self-closing mechanism may close the door.

[CGD 94-108, 61 FR 28284, June 4, 1996; 61 FR 33045, June 26, 1996; as amended by USCG-2004-18884, 69 FR 58348, Sept. 30, 2004]

**§ 111.99-5 General.**

Fire door release systems, if installed, must meet regulation II-2/30.4.3 of IMO SOLAS 74 (incorporated by reference; see 46 CFR 110.10-1).

[USCG-2003-16630, 73 FR 65199, Oct. 31, 2008]

**Subpart 111.101—Submersible Motor-Driven Bilge Pumps****§ 111.101-1 Applicability.**

This subpart applies to each submersible motor-driven bilge pump required on certain vessels under 46 CFR 56.50-55.

[USCG-2003-16630, 73 FR 65199, Oct. 31, 2008]

**§ 111.101-3 General requirements.**

(a) Each electric motor driving a submersible bilge pump must be in an open end air bell of rugged construction and be of a size that does not allow water to enter the motor if the compartment that the motor is in is flooded to the uppermost continuous deck.

(b) The motor, if of the open type, must be protected from splashing water from the bottom.

(c) The cable to each motor must enter through the open bottom of the air bell.

(d) Each motor must be able to operate continuously at rated load under any condition, dry or with water in the air bell at any level up to the maximum allowed under paragraph (a) of this section.

(e) Each motor controller must be above the uppermost continuous deck. There must be a master switch at the controller and a master switch at the motor. The master switch at the motor must be disconnected from the circuit when the motor is started or stopped from the master switch at the controller.

(f) Each motor must be energized from the final emergency power source.

**Subpart 111.103—Remote Stopping Systems****§ 111.103-1 Power ventilation systems except machinery space ventilation systems.**

Each power ventilation system must have: